PTO/SB/17 (11-00)
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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Application Number 09/656,763 September 7, 2000 Filing Date First Named Inventor Lin Wu H. Nguyen **Examiner Name** 2816 Group Art Unit

Complete if Known

METHOD OF PAYMENT	TOTAL ANGUIT OF BANKET			Group Art Unit			2816		
1. X The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:	TOTAL AMOUNT OF PAYMENT (\$) 0			<u> </u>			19000.0045/P045		
Deposit Account O4-1073	METHOD OF PAYMENT		FEE CALCULATION (continued)						
Deposite Dickstein Shapiro Morin & Carlotte Car		3. ADDITIONAL FEES			EES				
Deposit Scale Shapiro Morin & Oshinsky LLP Shapiro Mor	Deposit			•					
	Number 04-1073						Fee Description		
Name	Deposit Dickstein Shapiro Morin &	105	130	205	65	Surcha	ge – late filing fee or oath		
		127	50	227	25				
2.		139	130	139	130	Non-En	glish specification		
2.		147	2,520	147	2,520	For filing	g a request for ex parte reexamination		
Tell Claims Substitute Su		112	920*	112	920°				
1. BASIC FILING FEE Large Entity Small Entity	Check Credit Card Money Order Other	113	1,840*	113	1,840*				
Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code	FEE CALCULATION	115	110	215	55	Extensi	on for reply within first month		
Fee Galaims Fee Paid	1. BASIC FILING FEE	116	390	216	195	Extensi	on for reply within second month		
118 1,390 218 595 Extension for reply within fourth month 118 1,390 218 595 Extension for reply within fourth month 119 310 228 345 Extension for reply within fourth month 119 310 228 345 Extension for reply within fourth month 119 310 229 155 Notice of Appeal 119 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 121 270 221 135 Request for oral hearing 120 310 240 55 Petition to revive – unavoidable 141 1,240 241 620 Petition to revive – unavoidable 141 1,240 241 620 Petition to revive – unavoidable 141 1,240 241 620 Petition to revive – unavoidable 142 1,240 242 620 Utility issue fee (or reissue) 143 440 243 220 Design issue fee 144 600 244 300 Plant issue fee 145 146	Large Entity Small Entity	117	890	217	445	Extensi	on for reply within third month		
106 320 206 160 Design filing fee 107 490 207 245 Plant filing fee 120 310 220 155 Filing a brief in support of an appeal 120 310 220 155 Filing a brief in support of an appeal 121 270 221 135 Request for oral hearing 121 270 221 135 Request for oral hearing 138 1,510 138		118	1,390	218	695	Extensi	on for reply within fourth month		
107 490 207 245 Plant filing fee 120 310 220 155 Filing a brief in support of an appeal 121 270 221 135 Request for oral hearing 121 270 221 135 Request for oral hearing 121 1270 221 135 Request for oral hearing 128 1,510 138 1,510 1,510 138 1,510 1,510 1,510 138 1,510	101 710 201 355 Utility filing fee	128	1,890	228	945	Extensi	on for reply within fifth month		
108 710 208 355 Reissue filing fee	106 320 206 160 Design filing fee	119	310	219	155	Notice o	of Appeal		
SUBTOTAL (1) (\$) 0 2. EXTRA CLAIM FEES Extra below Fee Paid on the period on the per	107 490 207 245 Plant filing fee	120	310	220	155	Filing a	brief in support of an appeal		
SUBTOTAL (1) (5) 0 140 110 240 55 Petition to revive – unavoidable 141 1,240 241 620 Petition to revive – unavoidable 141 1,240 241 620 Petition to revive – unavoidable 142 1,240 242 620 Utility issue fee (or reissue) 143 440 243 220 Design issue fee 144 600 244 300 Plant issue fee 144 600 244 300 Plant issue fee 145 180 126 180 Submission of Information Disclosure Stmt 146 180 126 180 Submission after final rejection 1581 40 581 40 Recording each patent assignment per property (times number of properties) 1581 40 581 40 Recording as abmission after final rejection 1581 40 581 40 Recording as abmission after final rejection 1581 40 581 40 Recording as abmission after final rejection 1581 40 581 40 Recording as abmission after final rejection 1581 40 581 40 Recording as abmission after final rejection 1581 40 581 40 Recording as abmission after final rejection 1681 710 246 355 Fetition to revive – unavoidable 169 900 169 900 Request for Continued Examination (RCE) 179 710 279 355 Request for Continued Examination 179 710 279 355 Request for expedited examination 189 900 169 900 Request for expedited examination 189 900 169 900 Request for expedited examination 180 SUBTOTAL (2) (5) 0 Reduced by Basic Filling Fee Paid SUBTOTAL (3) (5)	108 710 208 355 Reissue filing fee	121	270	221	135	Reques	t for oral hearing		
SUBTOTAL (1) (\$) 0 141 1,240 241 620 Petition to revive - unintentional 142 1,240 242 620 Utility issue fee (or reissue) 143 440 243 220 Design issue fee (or reissue) 144 600 244 300 Plant issue fee (or reissue) 145 400 243 220 Design issue fee (or reissue) 146 600 244 300 Plant issue fee (or reissue) 147 400 243 220 Design issue fee (or reissue) 148 600 244 300 Plant issue fee (or reissue) 149 70 249 350 Processing fee under 37 CFR 1.17(q) 158 210 9 3 Reissue independent claims over original patent 150 169 900 169 900 Request for expedited examination of a design application 150 Subtrotal (3) (\$) Reduced by 8asic Filing Fee Paid SUBTOTAL (3) (\$) Reduced by 8asic Filing Fee Paid SUBTOTAL (3) (\$) Reduced by 8asic Filing Fee Paid SUBTOTAL (3) (\$) Reduced by 8asic Filing Fee Paid SUBTOTAL (3) (\$) Reduced by 8asic Filing Fee Paid SUBTOTAL (3) (\$)	114 150 214 75 Provisional filing fee	138	1,510	138	1,510	Petition	to institute a public use proceeding		
2. EXTRA CLAIM FEES	SUBTOTAL (1) (S) 0	140	110	240	55	Petition	to revive – unavoidable		
Total Claims 30 -30** = 0 X = 144 600 244 300 Plant issue fee 144 600 246 300 Plant issue fee 144 600 24		141	1,240	241	620	Petition	to revive - unintentional		
Independent Claims Solution		142	1,240	242	620	Utility is	sue fee (or reissue)		
Claims 5 3 2 4 0 X = 122 130 122 130 Petitions to the Commissioner 123 50 123 50 Processing fee under 37 CFR 1.17(q) 126 180 126 180 Submission of Information Disclosure Stmt 128 180 126 180 Submission of Information Disclosure Stmt 129 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 180 180 Submission of Information Disclosure Stmt 180 180 180 180 180 180 180 180 Information Disclosure Stmt 180 180 180 180 180 180 Information Disclosure Stmt 180 180 180 180 180 180 Information Disclosure Stmt 180 180 180 180 Information Disclosure Stmt 180 180 180 180 Information Disclosure Stmt 180 180 180 180 I	Total Claims 30 -30** = 0 X =	143	440	243	220	Design	issue fee		
Large Entity Small Entity Fee Code (\$) Code (\$) Fee Description 123 50 123 50 Processing fee under 37 CFR 1.17(q) 126 180 126 180 Submission of Information Disclosure Stmt 581 40 581 40 Recording each patent assignment per property (times number of properties) 103 18 203 9 Claims in excess of 20 102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claim, if not paid 109 80 209 40 Reissue independent claims over original patent 110 18 210 9 Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 0 Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	Independent 5 -5** = 0 x =	144	600	244	300	Plant is:	sue fee		
Large Entity Small Entity Small En	Multiple Dependent	122	130	122	130	Petition	s to the Commissioner		
Fee Code (\$) Fee Code (\$) Fee Description 103 18 203 9 Claims in excess of 20 102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claims in excess of 3 109 80 209 40 Reissue independent claims over original patent 110 18 210 9 Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 0 Recording each patent assignment per property (times number of properties) Filing a submission after final rejection (37 CFR 1.129(a)) Filing a submission after final rejection (37 CFR 1.129(b)) 146 710 249 355 For each additional invention to be examined (37 CFR 1.129(b)) 179 710 279 355 Request for Continued Examination (RCE) 169 900 169 900 Request for expedited examination of a design application 18 210 9 Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0		123	50	123	50	Process	sing fee under 37 CFR 1.17(q)		
Code (\$) Code (\$) Fee Description 581 40 581 40 property (times number of properties) 103 18 203 9 Claims in excess of 20 102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claim, if not paid 109 80 209 40 Reissue independent claims over original patent 110 18 210 9 Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 0 Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0 Contact and submission after final rejection (37 CFR 1.129(a)) 146 710 246 355 Filing a submission after final rejection (37 CFR 1.129(a)) 149 710 249 355 For each additional invention to be examined (37 CFR 1.129(b)) 179 710 279 355 Request for Continued Examination (RCE) 169 900 169 900 Request for expedited examination of a design application 180 900 169 900 Request for expedited examination of a design application 180 900 169 900 Request for expedited examination of a design application 180 900 169 900 Request for expedited examination of a design application 180 900 169 900 Request for expedited examination of a design application 180 900 169 900 Request for expedited examination of a design application 190 900 169 900 Request for expedited examination of a design application	Large Entity Small Entity	126	180	126	180	Submis	sion of Information Disclosure Stmt		
102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claim, if not paid 109 80 209 40 **Reissue independent claims over original patent 110 18 210 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 0 146 710 246 355 (37 CFR 1.129(a)) 149 710 249 355 For each additional invention to be examined (37 CFR 1.129(b)) 179 710 279 355 Request for Continued Examination (RCE) 169 900 169 900 Request for expedited examination of a design application Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	Foe Description	581	40	581	40				
104 270 204 135 Multiple dependent claim, if not paid 109 80 209 40 "Reissue independent claims over original patent "Reissue claims in excess of 20 and over original patent "Subtotal (2) (\$) 0 The fee (specify) 109 80 209 40 "Reissue claims in excess of 20 and over original patent "Reissue claims in excess of 20 and over original patent "Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0 The fee (specify) Subto		146	710	246	355				
109 80 209 40 "Reissue independent claims over original patent over orig		149	710	249	355				
over original patent 110 18 210 9 ** Reissue claims in excess of 20 and over original patent 159 900 169 900 Request for expedited examination of a design application Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0		179	710	279	355	Reques	t for Continued Examination (RCE)		
Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) Compared to the subtraction of the s	over original patent	169	900	169	900				
		Other	Other fee (specify)						
or number previously paid, if greater; For Reissues, see above		*Redu	iced by B	asic Filir	ng Fee Pa	aid	SUBTOTAL (3) (\$)	0	
	or number previously paid, if greater; For Reissues, see above	<u> </u>							

SUBMITTED BY Complete (if applicable) Registration No. (Attorney/Agent) Name (print/type) | Eric Oliver 35,307 Telephone (202) 861-9185 OS SERVICE CALLED Signature Date October 9, 2001

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Docket No.: I9000.0045/F045 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Lin Wu et al.

Application No.: 09/656,763

Group Art Unit: 2816

Filed: September 7, 2000

Examiner: H. Nguyen

For: APPARATUS FOR AND METHOD OF

IMPLEMENTING TIME-INTERLEAVED

ARCHITECTURE

AMENDMENT

Box Non-Fee Amendment

Commissioner for Patents Washington, DC 20231

Dear Sir:

In response to the Office Action dated July 9, 2001 (Paper No. 4), please amend the above-captioned application as follows:

In the Claims:

Please replace claim 22 with amended claim 22 below:

22. (Amended) A method of calibrating a plurality of channel output signals of a multi-phase clock generator having a first plurality of delay cells paired with at least one of a plurality of output buffers, and a second plurality of delay cells respectively receiving output signals from the first plurality of delay cells and outputting the channel output signals to respective ones of the plurality of output buffers, the method comprising the steps of:

phase aligning a first one of the plurality of channel output signals to an external reference clock; and

1344959 v1; STRZ01!.DOC

